

IN THE CLAIMS

Please amend the claims as follows.

1. (currently amended) A spotlight from generating an output light beam of variable width, including a light source and a means for focusing the light from the light source to a light beam having so that it has a selected focal length, and an aperture in a recess portion in a housing for directing the focused light from said light source to a first lens nested at least partially within said recess portion when in a position closely adjacent to said aperture, said first lens being movable to adjust the width of said output light beam, wherein the first lens is moveable to a the position closely adjacent to said aperture and substantially about or at said selected focal length to minimise said output light beam width, and further including a selectively variable filter housing having two or more filters, said filter housing being rotatable to selectively interpose one of the filters between said light source and said aperture to filter light from said light source.
2. (currently amended) The spotlight of claim 1, wherein the selected ~~light~~ focal length is such that the spotlight has an f number of between 1 and 1.6.
3. (original) The spotlight of claim 2, wherein the f number is at least 1.3.
4. (currently amended) The spotlight of claim 1, wherein the positioning of the first lens ~~substantially~~ at or about the selected focal length maximises the intensity of the output light beam.
5. (original) The spotlight of claim 4, wherein the intensity of the output light beam, at the focal point of the spotlight ranges between 2 megawatt/m² to 16 megawatts/m².

Claim 6 (cancelled)

7. (currently amended) The spotlight of claim 6 1, wherein the filter housing includes a portion, rotatable relative to the filter housing, to selectively interpose one of said filters.
8. (original) The spotlight of claim 7, wherein the rotatable portion is a filter wheel.
9. (previously amended) The spotlight of claim 8, wherein the filter housing has at least one chamber for receiving one of the filters.
10. (original) The spotlight of claim 9, wherein the at least one chamber is formed in the rotatable portion.
11. (previously amended) The spotlight of claim 10, wherein the chambers are radially offset in the filter housing from the rotational axis of the filter housing for selective interposition between the light source and the aperture.
12. (previously amended) The spotlight of claim 6, wherein at least one of the filters includes multiple filter elements.
13. (original) The spotlight of claim 12, wherein the multiple filter elements are formed in a stack in one or more chambers.
14. (original) The spotlight of claim 13, wherein the stack includes at least four filter elements.
15. (previously amended) The spotlight of claim 12, wherein the filter elements are coated on at least one side.
16. (original) The spotlight of claim 15, wherein the filter elements are coated on both sides.

17. (previously amended) The spotlight of claim 12, wherein the filters filter light of different wavelengths.

18. (previously amended) The spotlight of claim 10, wherein the chambers are radially offset in the rotatable portion from the rotational axis of the rotatable portion.

19. (previously amended) The spotlight of claim 7, wherein the rotational axis of one of the filter housing and the rotatable portion is parallel to and laterally disposed from the longitudinal axis of the spotlight.

20. (previously amended) The spotlight of claim 6, wherein the aperture is located in a housing separate from the filter housing.

Claims 21-22 (cancelled)

23. (currently amended) The spotlight of claim ~~22~~ 1, wherein the recess portion is correspondingly shaped to the shape of the portion of said first lens.

24. (currently amended) The spotlight of claim ~~21~~ 1, wherein the aperture is radially located in the filter housing to be aligned with one chamber.

25. (original) The spotlight of claim 24, wherein the aperture is located on the opposite side of the filter housing to said at least one chamber.

26. (currently amended) The spotlight of claim ~~21~~ 1, wherein the filter housing has a plurality of chambers and a plurality of apertures.

27. (original) The spotlight of claim 26, wherein the plurality of apertures have differing diameters associated with different chambers of said plurality of chambers.

28. (previously amended) The spotlight of claim 1, wherein a second lens is provided which is moveable relative to the first lens so as to collimate the output light beam at different distances.

29. (original) The spotlight of claim 28, wherein the first lens and said second lens are coated on a lens mounting for simultaneous movement.

30. (previously amended) The spotlight of claim 29, wherein the first lens and said second lens move at different linear rates to maintain an even beam profile.

Claim 31 (cancelled)